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DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

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MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

MG - Middle Coal Group

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

----- MG[48] -----

TRACE OF COAL BED OUTCROP - Showing symbol
of name of coal bed as listed above.
Snort dashed where projected by present
authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dasned where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

NOTE: Overburden isopachs and mining ratio contours are not drawn beyond dotted line because of insufficient data.

Base from U.S. Geological Survey, 1966

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

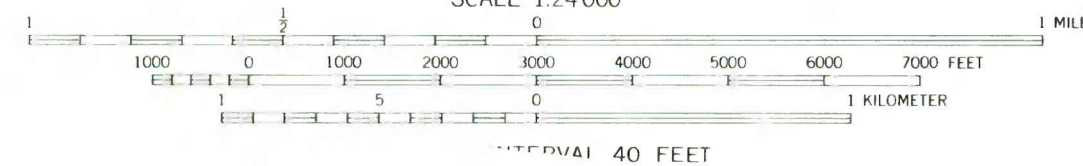
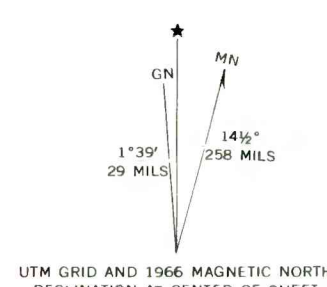


PLATE 40
OVERBURDEN ISOPACH
AND MINING RATIO MAP OF THE
MIDDLE COAL GROUP, COAL BED [48]